

Figure 1

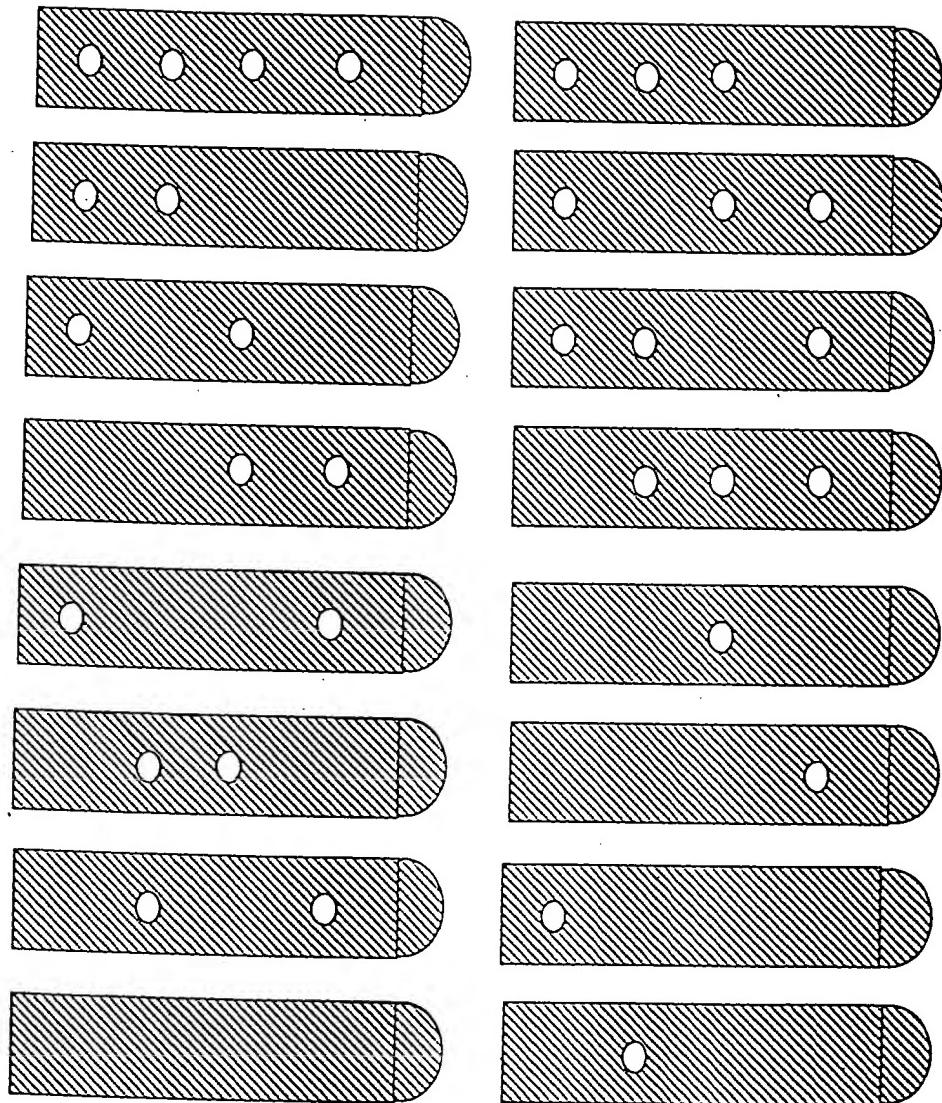


Figure 2

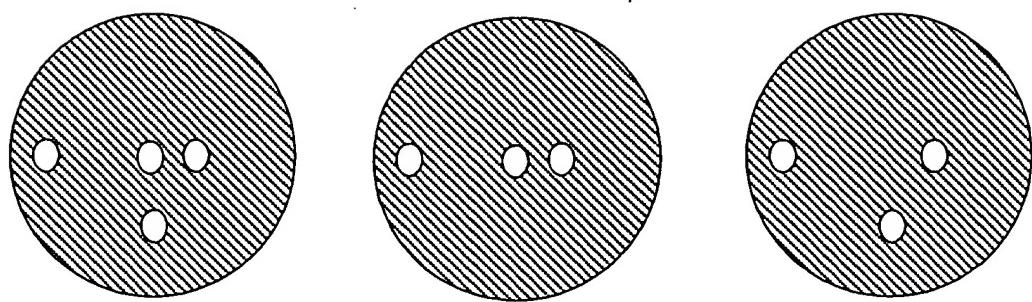
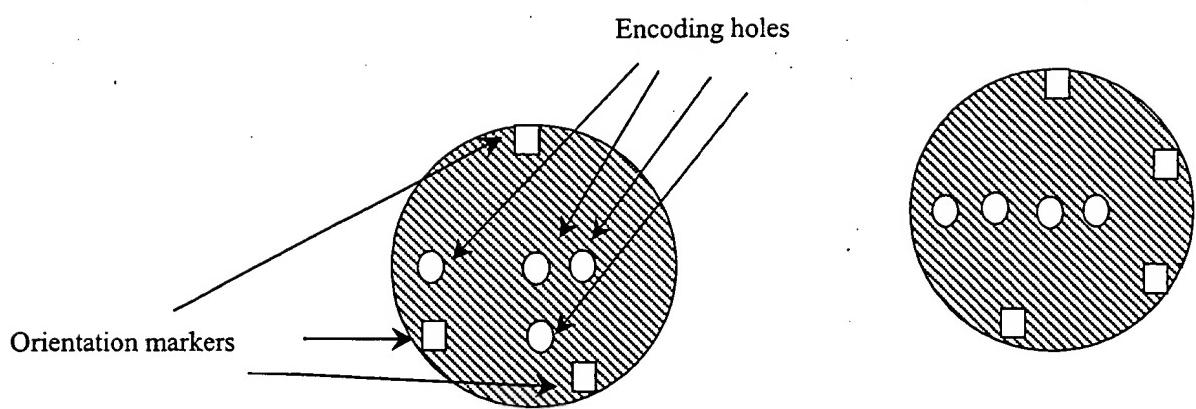
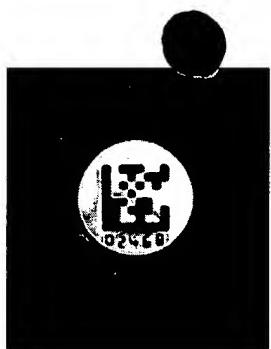


Figure 3



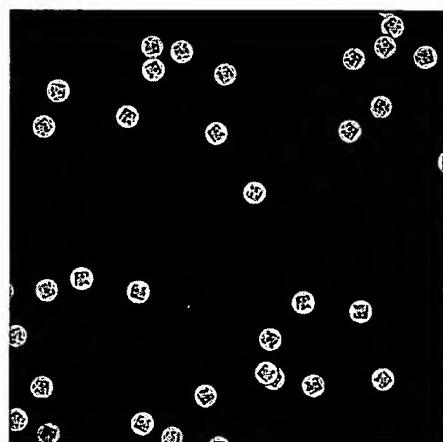


**FIG. 4A**

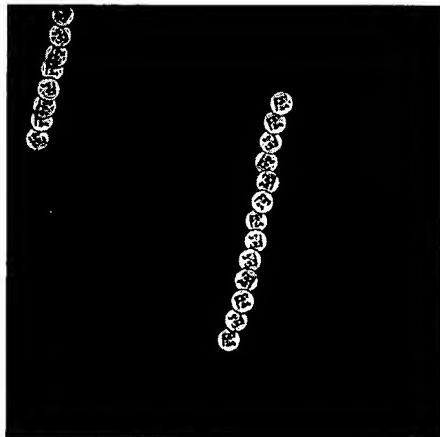


SiO<sub>2</sub>  
Nickel

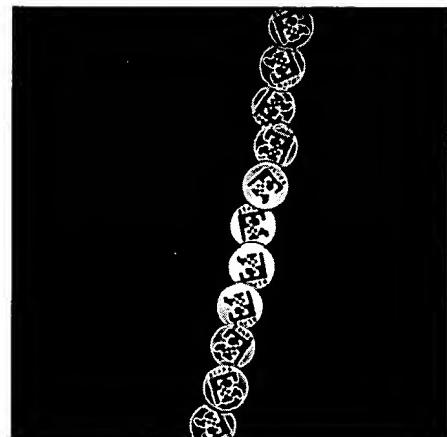
**FIG. 4B**



**FIG. 5**



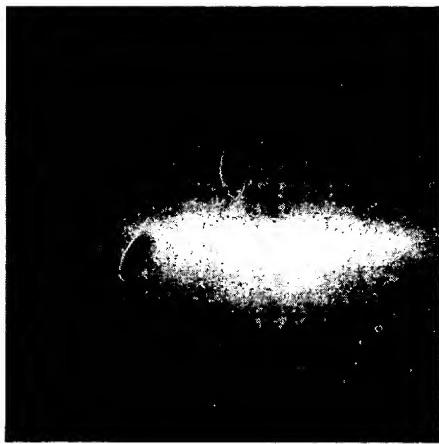
**FIG. 6A**



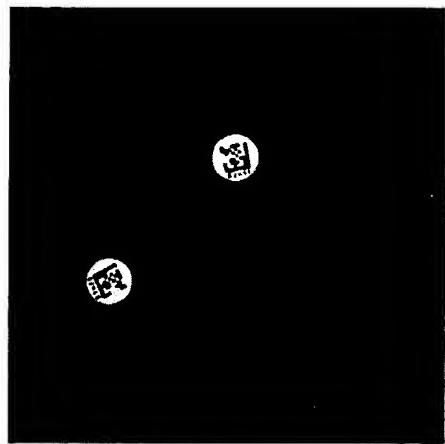
**FIG. 6B**



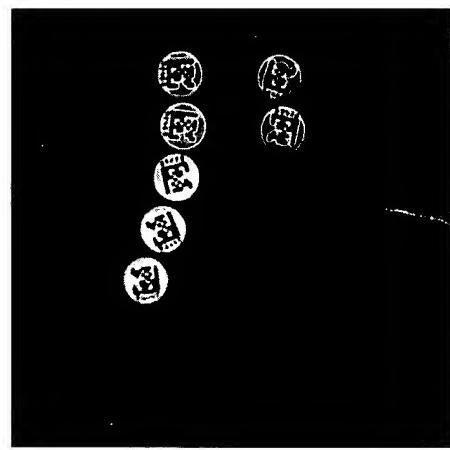
**FIG. 7**



**FIG. 8A**

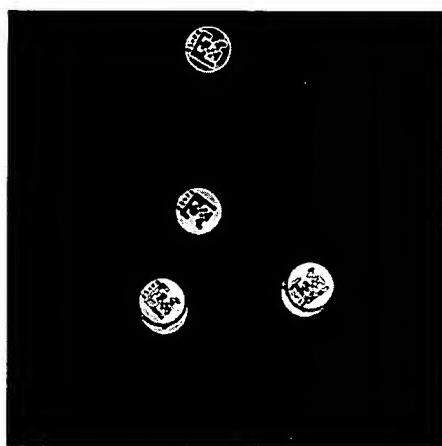


**FIG. 8B**

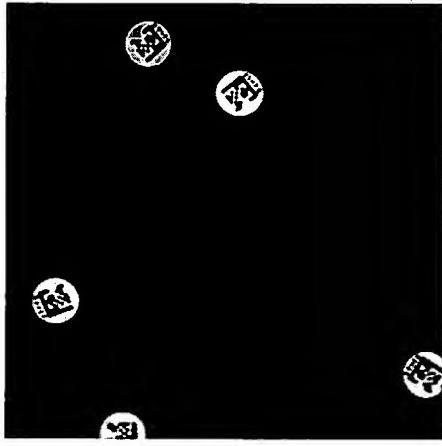
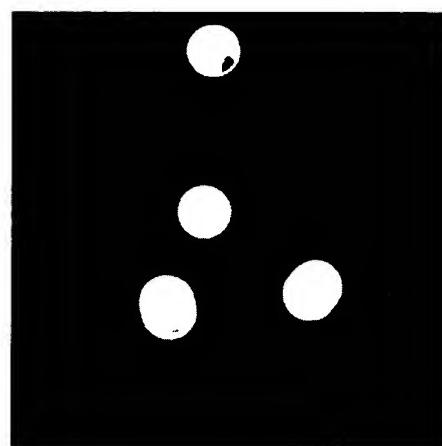


**FIG. 9**

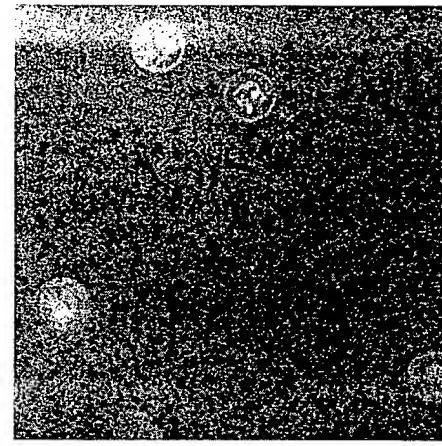
**FIG. 10A**



**FIG. 10B**

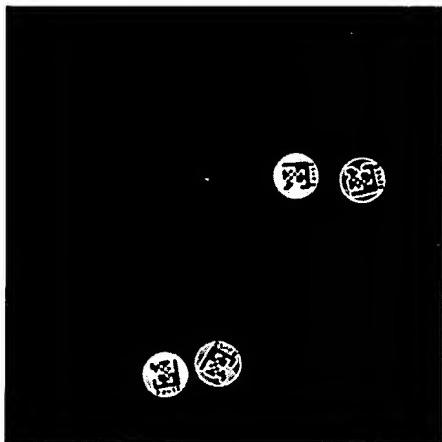


**FIG. 10C**

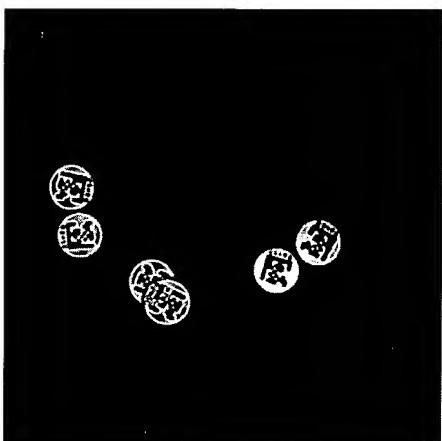
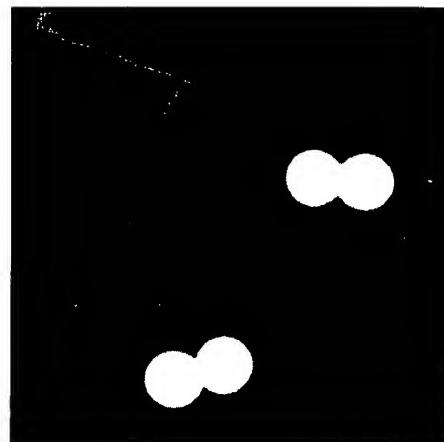


**FIG. 10D**

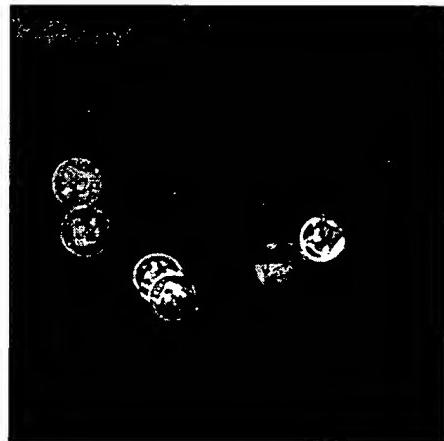
**FIG. 11A**



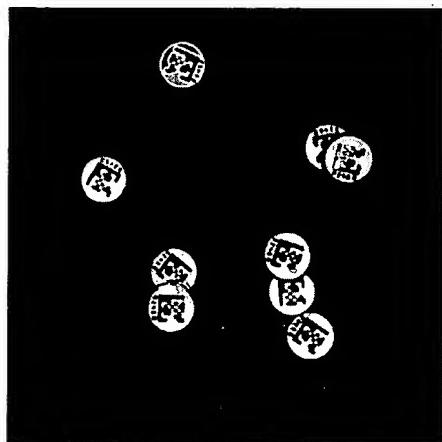
**FIG. 11B**



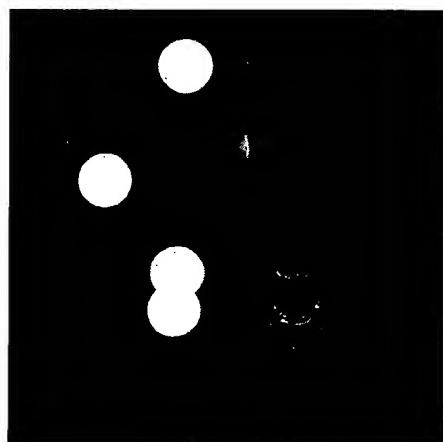
**FIG. 11C**



**FIG. 11D**

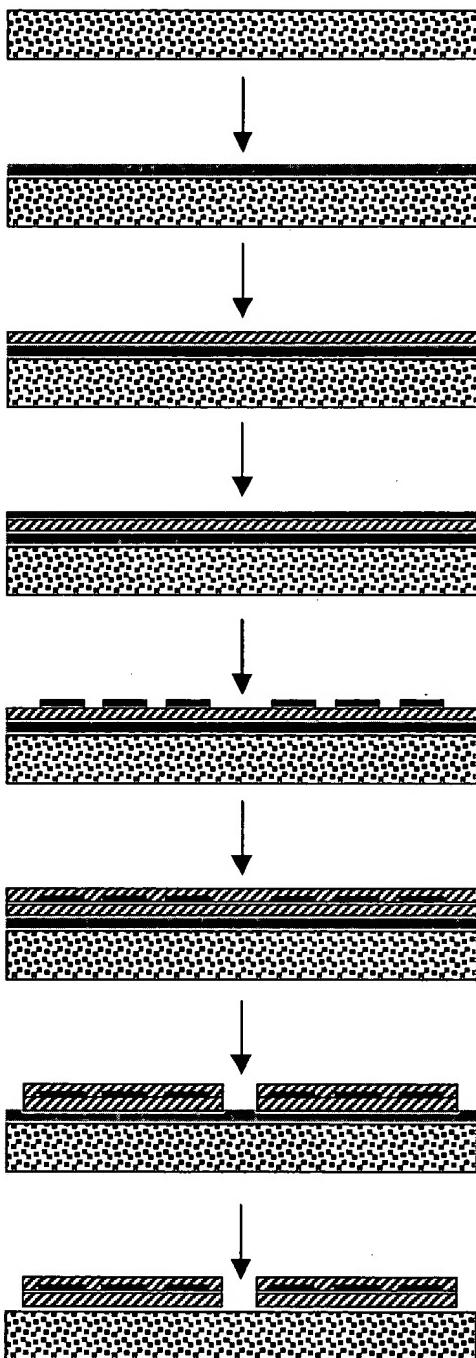


**FIG. 12A**



**FIG. 12B**

**FIG. 13**



**FIG. 13A**

**FIG. 13B**

**FIG. 13C**

**FIG. 13D**

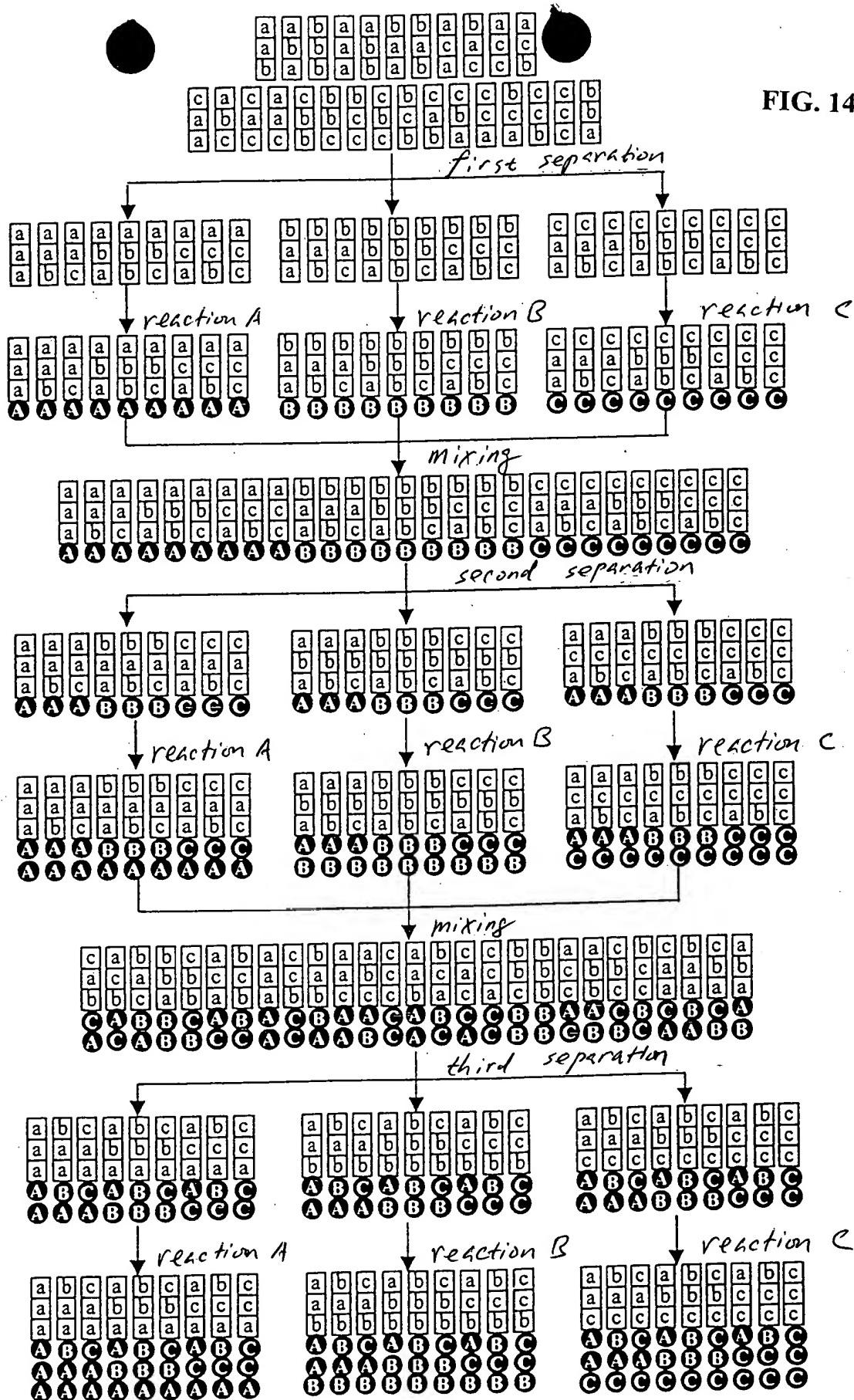
**FIG. 13E**

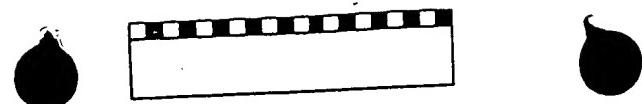
**FIG. 13F**

**FIG. 13G**

**FIG. 13H**

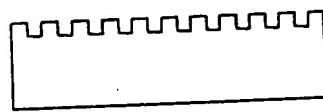
FIG. 14



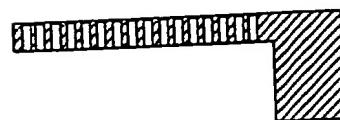


(A)

**FIG. 15**

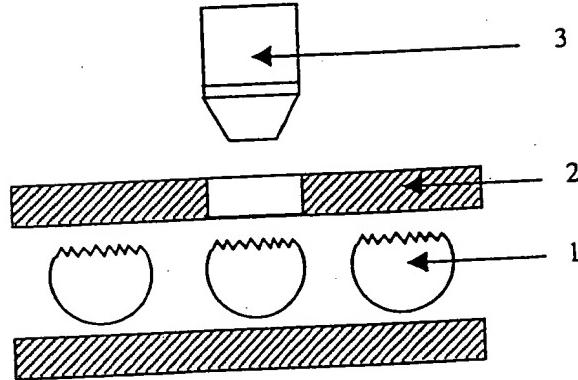


(B)

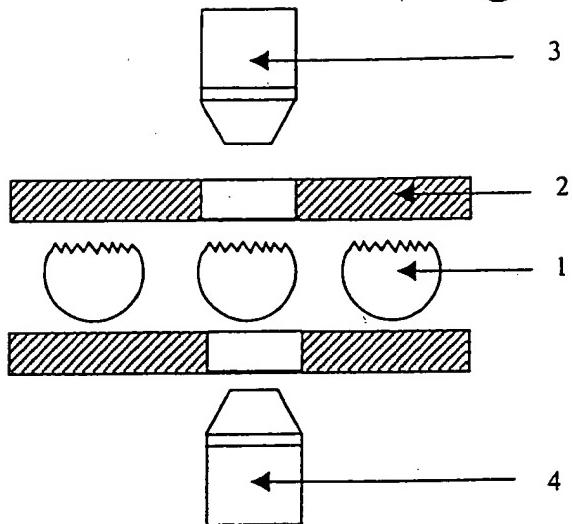


(C)

பொது மான்றி போன்ற பொருள்கள்



**FIG. 16**



**FIG. 17**